

CLAIMS

1. Biocidal compositions, containing biocidal components and mixed with said components a combination of inorganic compounds capable of reducing the oxidative capacity of the biocidal components by forming a low-melting glass when heated.
2. Biocidal composition according to claim 1, wherein the biocidal composition is heated by being ignited or subjected to a heating source.
3. Biocidal composition according to claim 2, wherein the heating source is a fire.
4. Biocidal composition according to claim 1, wherein the biocidal component is an oxidant.
5. Biocidal composition according to claim 4, wherein the oxidant is Trichloroisocyanuric acid.
6. Biocidal composition according to claim 1, wherein the composition forms a low-melting glass when heated to moderately high temperatures.
7. Biocidal composition according to claim 6, wherein the moderately high temperatures are from 300 to 800°C.
8. Biocidal composition according to claim 1, wherein the combination of inorganic compounds is the combination of boric compounds and alkaline silicates.

9. Biocidal composition according to claim 8, wherein the boric compounds are chosen from among boric acid, borax and sodium tetraborate.
10. Biocidal composition according to claim 8, wherein the silicates are sodium silicates.
11. Biocidal composition according to claim 8, wherein the silicates are such that the ratio  $\text{SiO}_2/\text{Na}_2\text{O}$  is between 2 and 5 and the  $\text{Na}_2\text{O}$  content is between 12-25%.
12. Biocidal composition according to claim 1, wherein the combination of inorganic compounds is such as to produce, when heated, a low-melting, borosilicate glass which coats the oxidant.
13. Biocidal composition according to claim 9, wherein the contents of boric acid or of the molar boric moieties of borates, are from 2 to 15 wt% of the whole composition.
14. Biocidal composition according to claim 13, wherein the contents of boric acid or of the molar boric moieties of borates, are from 10 to 15 wt% of the whole composition.
15. Biocidal composition according to claim 8, wherein the contents of the silicates are from 1 to 10 wt% of the composition.
16. Biocidal composition according to claim 15, wherein the contents of the silicates are from 2 to 8 wt% of the composition.
17. Biocidal composition according to claim 1, further comprising a flocculant.

18. Biocidal composition according to claim 17, wherein the flocculant is aluminum sulfate.
19. Biocidal composition according to claim 4, wherein the oxidant is chosen from the group consisting of trichloro-isocyanuric acid, calcium hypochlorite, dihalo-dialkyl-hydantoins, halogenated isocyanuric acids and the salts of said acids.
20. Biocidal solid composition according to claim 1, in the form of tablets, briquettes, granules or powder.
21. Use of the composition according to any one of claims 1 to 20 for the sanitation of bodies of water.
22. Use according to claim 21, wherein the bodies of water are chosen from the group consisting of swimming pools, spas, cooling towers, paper industry wastes, toilet bowls, household and I&I bleaches applications.
23. Method for rendering biocide compositions less comburant, which comprises mixing with the biocide a combination of inorganic compounds capable of forming a low-melting glass when heated to moderately high temperatures.
24. Biocidal composition, substantially as described and exemplified.
25. Method for rendering biocide compositions less comburant, substantially as described and exemplified.